



Aikin and Cerreta named as ASM Fellows

August 1, 2016

ASM International named Beverly Aikin of Sigma Division (SIGMA) and Ellen Cerreta of Materials Science in Radiation and Dynamics Extremes (MST-8) to the 2016 class of Fellows. Recipients of one of the highest honors in the field of materials, ASM Fellows are technical and professional leaders who have been recognized by their colleagues and serve as advisors to the Society.

Aikin and Cerreta's achievements

Aikin was cited for “advancing microstructure, property, processing relationships in metals and intermetallics; enhancing the safe handling, security and recycling of beryllium; and for her commitment to K-12 student outreach in STEM. Aikin holds a doctorate in materials science and engineering from the University of Virginia. She joined the Laboratory as a graduate research assistant in what was then the Metallurgy group (MST-6, now Sigma Division). Aikin is an R&D engineer on Sigma's forming and machining team, maintaining beryllium and hot isostatic processing capabilities in the Beryllium Technology Facility for weapons, global security, nuclear fuels, and other Los Alamos research programs. She has been a volunteer for the Los Alamos chapter of ASM since 2003, serving on its executive board. Aikin founded and supports the annual Discovery E Engineers Week event in the County, for which she received the 2014 Los Alamos Engineering Council Community Service Award.

Cerreta was cited for “outstanding contributions in the fields of dynamic and shock behavior of materials, as well as structure/property effects on mechanical behavior and damage evolution in materials.” Cerreta holds a doctorate in materials science and engineering from Carnegie Mellon University. She joined the Laboratory as a postdoctoral associate and is now the MST-8 group leader. Her research focusing on the correlation of microstructure to mechanical response of metals supports the weapons, global security, DOE Office of Basic Energy Sciences, and Laboratory Directed Research and Development (LDRD) programs. Cerreta is an adjunct faculty member in the Institute of Shock Physics at Washington State University. She serves on the Board of Directors of the TMS (The Mineral, Metals and Materials Society) and the Board of Trustees of the ASM.

About ASM International

ASM International is dedicated to serving the materials science and engineering profession. Through its network of 36,000 members worldwide, ASM provides authoritative information and knowledge on materials and processes, from the structural to the nanoscale. Aikin and Cerreta will be honored at an October ASM International awards dinner in Salt Lake City, Utah.

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